

State	Year	Population	Area	Density	Urban	Rural	Total	Urban	Rural	Total
Alabama	1990	3,000,000	52,400	57.2	1,500,000	1,500,000	3,000,000	1,500,000	1,500,000	3,000,000
Alaska	1990	250,000	663,300	0.38	150,000	100,000	250,000	150,000	100,000	250,000
Arizona	1990	2,500,000	113,900	21.9	1,500,000	1,000,000	2,500,000	1,500,000	1,000,000	2,500,000
Arkansas	1990	2,000,000	53,100	37.7	1,000,000	1,000,000	2,000,000	1,000,000	1,000,000	2,000,000
California	1990	29,000,000	163,600	177.3	15,000,000	14,000,000	29,000,000	15,000,000	14,000,000	29,000,000
Colorado	1990	3,000,000	104,000	28.8	1,500,000	1,500,000	3,000,000	1,500,000	1,500,000	3,000,000
Connecticut	1990	3,000,000	5,500	545.5	1,500,000	1,500,000	3,000,000	1,500,000	1,500,000	3,000,000
Delaware	1990	500,000	2,400	208.3	250,000	250,000	500,000	250,000	250,000	500,000
Florida	1990	15,000,000	55,000	272.7	8,000,000	7,000,000	15,000,000	8,000,000	7,000,000	15,000,000
Georgia	1990	4,000,000	59,000	67.8	2,000,000	2,000,000	4,000,000	2,000,000	2,000,000	4,000,000
Hawaii	1990	1,000,000	10,400	96.2	500,000	500,000	1,000,000	500,000	500,000	1,000,000
Idaho	1990	1,000,000	83,000	12.0	500,000	500,000	1,000,000	500,000	500,000	1,000,000
Illinois	1990	12,000,000	143,000	83.9	6,000,000	6,000,000	12,000,000	6,000,000	6,000,000	12,000,000
Indiana	1990	6,000,000	36,400	164.8	3,000,000	3,000,000	6,000,000	3,000,000	3,000,000	6,000,000
Iowa	1990	3,000,000	71,000	42.3	1,500,000	1,500,000	3,000,000	1,500,000	1,500,000	3,000,000
Kansas	1990	3,000,000	81,000	37.0	1,500,000	1,500,000	3,000,000	1,500,000	1,500,000	3,000,000
Kentucky	1990	4,000,000	40,000	100.0	2,000,000	2,000,000	4,000,000	2,000,000	2,000,000	4,000,000
Louisiana	1990	4,000,000	52,000	76.9	2,000,000	2,000,000	4,000,000	2,000,000	2,000,000	4,000,000
Maine	1990	1,000,000	9,300	107.6	500,000	500,000	1,000,000	500,000	500,000	1,000,000
Maryland	1990	5,000,000	12,000	416.7	2,500,000	2,500,000	5,000,000	2,500,000	2,500,000	5,000,000
Massachusetts	1990	6,000,000	8,000	750.0	3,000,000	3,000,000	6,000,000	3,000,000	3,000,000	6,000,000
Michigan	1990	9,000,000	96,000	93.8	4,500,000	4,500,000	9,000,000	4,500,000	4,500,000	9,000,000
Minnesota	1990	5,000,000	225,000	22.2	2,500,000	2,500,000	5,000,000	2,500,000	2,500,000	5,000,000
Mississippi	1990	3,000,000	47,000	63.8	1,500,000	1,500,000	3,000,000	1,500,000	1,500,000	3,000,000
Missouri	1990	5,000,000	69,000	72.5	2,500,000	2,500,000	5,000,000	2,500,000	2,500,000	5,000,000
Montana	1990	1,000,000	118,000	8.5	500,000	500,000	1,000,000	500,000	500,000	1,000,000
Nebraska	1990	2,000,000	77,000	26.0	1,000,000	1,000,000	2,000			



FIG. 2 is a block diagram of a simple LAN configuration. The diagram shows a central server (36) connected to a network (38). The network is connected to three workstations (22, 44, 42). Workstation 22 is a desktop computer with a monitor and keyboard. Workstation 44 is a laptop computer. Workstation 42 is a workstation with a large monitor and keyboard. The server (36) is connected to the network (38) via a cable. The network (38) is represented by a central line with branches leading to each workstation. The server (36) is labeled 'Server' and '36'. The network (38) is labeled '38'. Workstation 22 is labeled '22'. Workstation 44 is labeled '44'. Workstation 42 is labeled '42'. The diagram also shows a 'MedVizer Patient database files- 32' box and a 'Volume - Images Objects that have been filed and captured - 34.' box. Arrows point from these boxes to the server (36). The diagram also shows a list of medical imaging equipment: Dermascopes, Endoscopes, Otosopes, Ophthalmoscopes, Stethoscopes, Microscopes, Echocardiograms, Ultrasound, and MRI / CT. This list is connected to the network (38) via a cable. The list is labeled '40'. The diagram also shows a 'VTC CAMERA' box connected to the network (38) via a cable. The box is labeled '40'.

Simple LAN Configuration – FIGURE 2

PRIOR ART

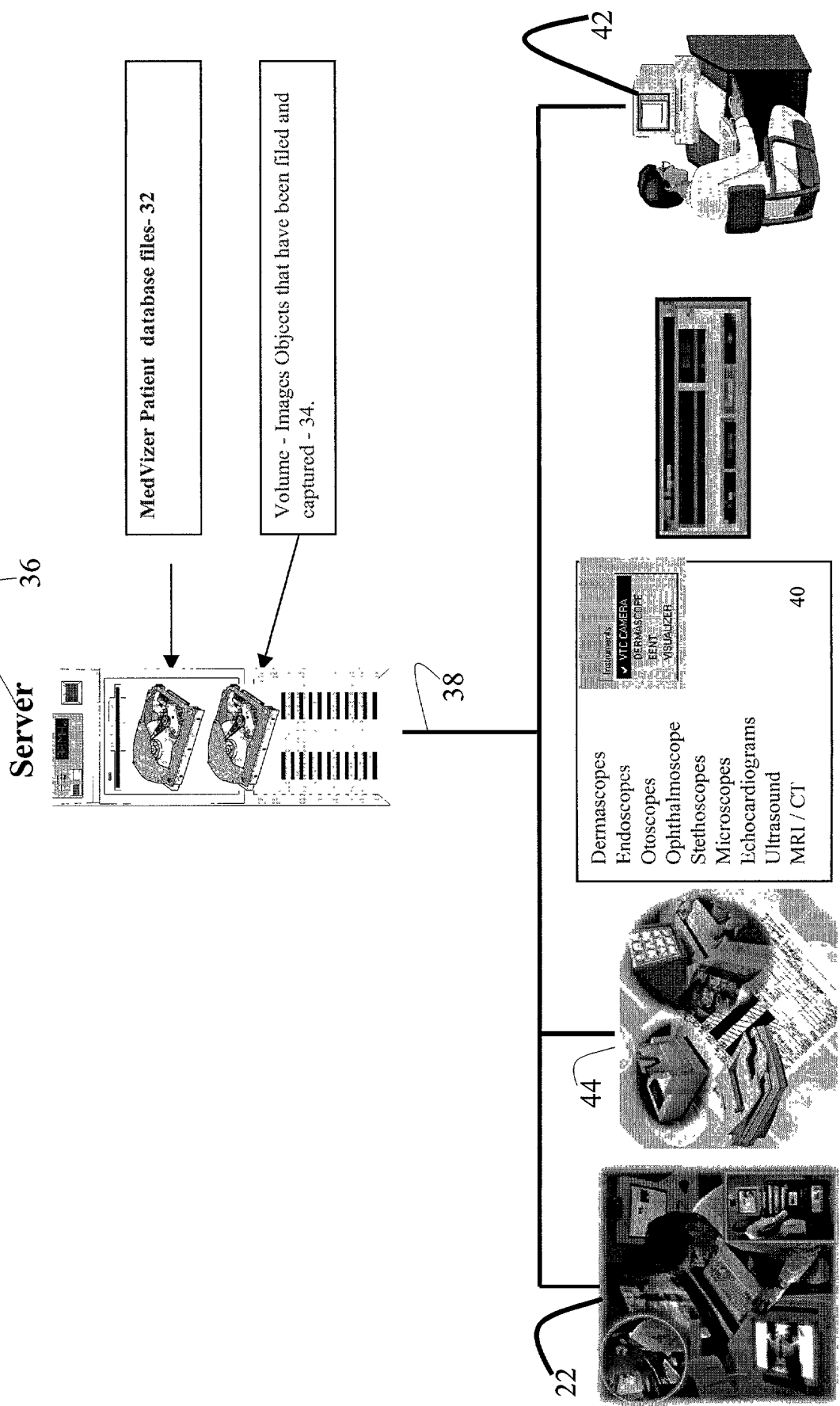


Figure 3 is a block diagram of the VITel Net Application 112. The diagram shows the VITel Net Application 112 at the top, which is connected to the MNU 116. The MNU 116 is connected to the MCF 114, which is connected to the Database 118. The MCF 114 is also connected to the Visual Basic - VITel Net Engine - 120. The Visual Basic - VITel Net Engine - 120 is connected to the Win32 API-122, which is connected to the OCX 124. The OCX 124 is connected to the DLL - 126. The DLL - 126 is connected to the File System Manager - 132, which is connected to the Configuration Manager - 128. The File System Manager - 132 is also connected to the Kernel - 136. The Kernel - 136 is connected to the Device drivers - 138, which is connected to the Hardware - 140.

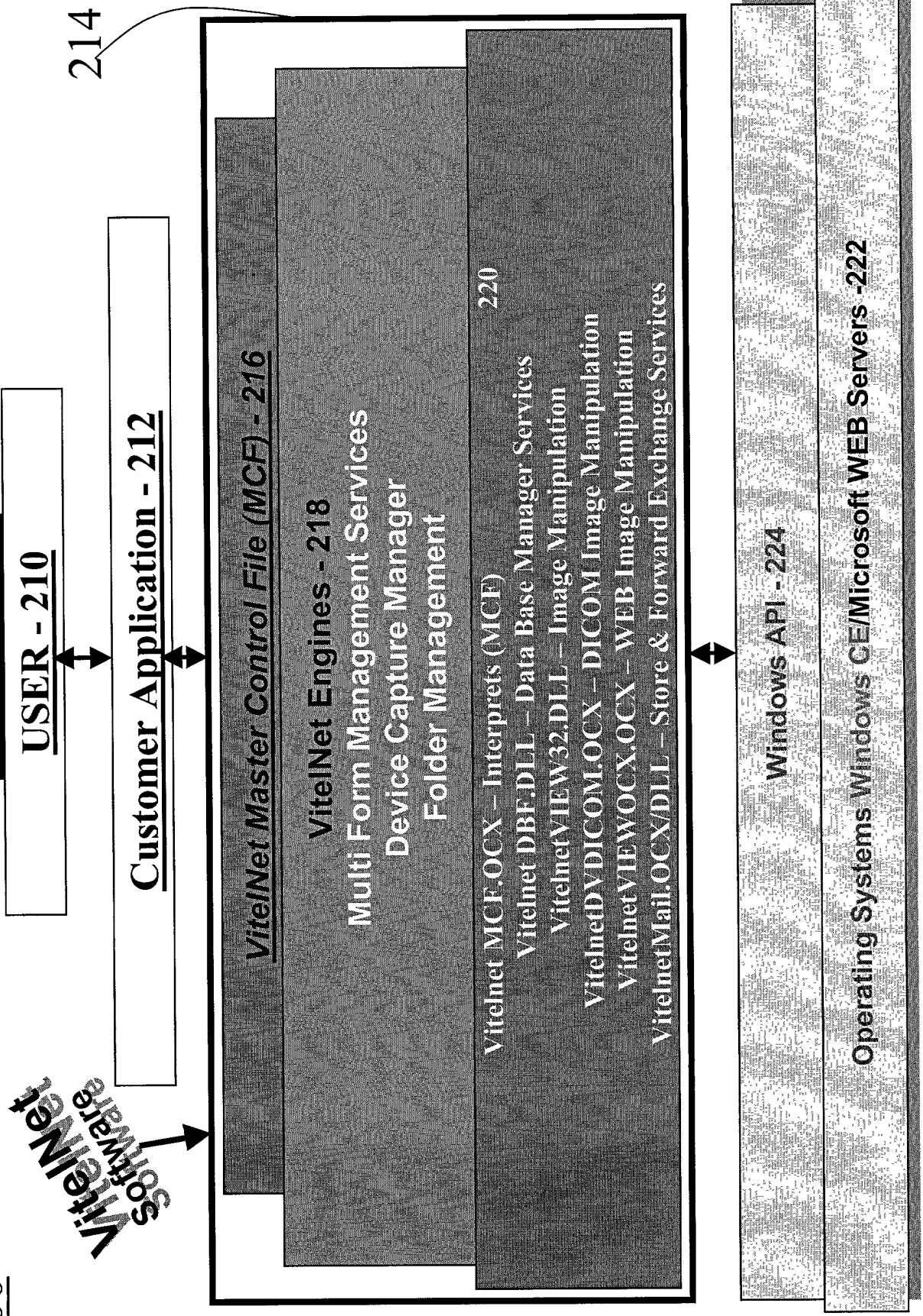
ViTel Net Application 112			
MNU 116	MCF 114	Database 118	
Visual Basic – VITEL NET ENGINE - 120			
Win32 API-122	OCX 124	DLL - 126	
Virtual Memory Manager -130	File System Manager - 132	Configuration Manager -128	
Kernel - 136			
Device drivers -138			
Hardware - 140			

FIGURE 3 –
PRIOR ART

VitelNet Application Architecture –

200

FIGURE 4



VitelNet Application Architecture –

FIGURE 5

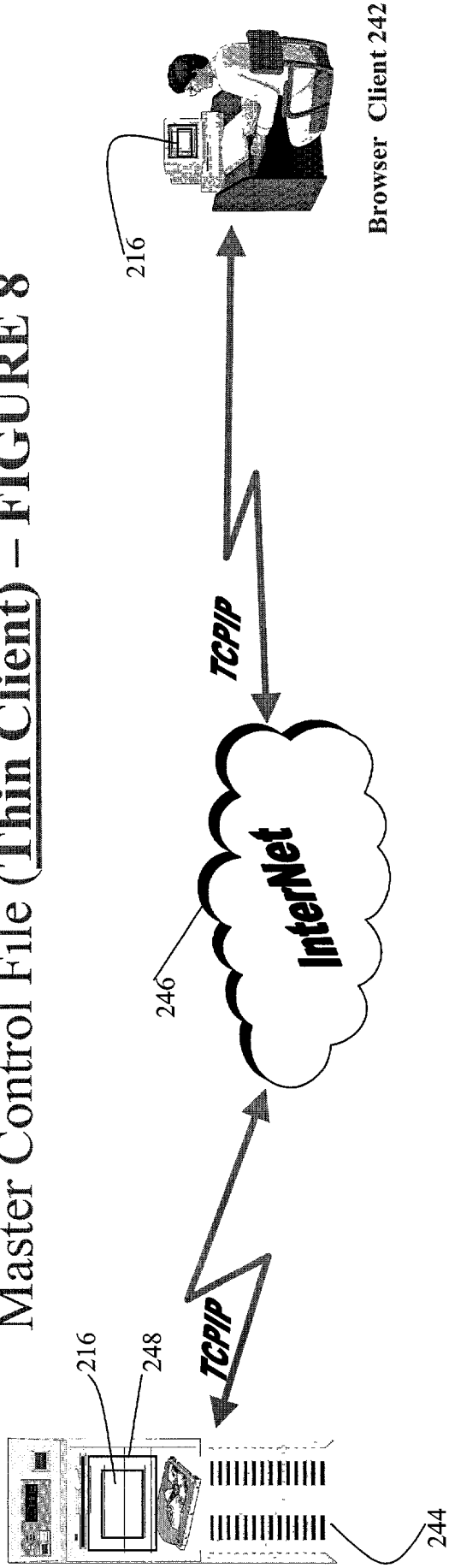


FIGURE 7

Applications - 212		
Division Toolbox (MCF) - 216		
230 Utilities	Printing Report Generator	PACS Worklist, Post Master, Email, Telephony Manager, Wireless, Workflow, Printing, Report Generator
232 Functions	Data Entry	Interactive Collaboration, Video Conferencing, Folder Management, Multiform Management, Multimedia Record, Store-and-Forward, Data Entry
234 Interfaces	Network Protocol	ADO, C.O.L.D., HL7, ODBC, PACS Communication Protocol, SQL, Device Capture, Network Protocol
236	Data Base Binding Image Processing DICOM, 12-Bit Images Security Encryption	Volume Management, Data Base Binding, Image Processing, DICOM (12-Bit Images), Security Encryption
	Web Engine 218-2	WINDOWS 98, 2000, NT ENGINE 218-1
		Pocket PC/WINDOWS CE ENGINE 218-3

when the user is not using the system, the system can be in a low power state, such as a sleep state, to conserve power.

Master Control File (Thin Client) – FIGURE 8



Page 1 of 1
Date: 11/11/2003
Time: 11:11:11 AM
User: admin

Master Control File (MCF) – FIGURE 9

Form: \UITELNET\UNDEMO.MCF

UNDEMO.DBF

UNDEMO.PIN

216

FILE: C:\UITELNET\ Options: F1= Edit

DBFLD01
Length= 17; P= 10; F= 1; Alphanum; Skip;

DBFLD12
Length= 12; P= 10; F= 1; Alphanum;

DBFLD15
Length= 2; P= 10; F= 1; Alphanum;

TAB12
Length= 50; P= 15; F= 1; Alphanum; Skip; List; Hidden;
Dup src;

CONT12
Length= 2; P= 10; F= 1; Alphanum; Skip;
Dup dest;

ANNFOLD
Length= 50; P= 15; F= 1; Alphanum; Skip; Locked; List; Hidden;

PHOTO
Length= 50; P= 15; F= 1; Alphanum; Locked; List; Hidden;

MAUFOLD
Length= 50; P= 15; F= 1; Alphanum; Skip; Locked; List; Hidden;

PRIVACYKEY
Length= 10; P= 15; F= 1; Alphanum; Constant;

FILE:

F1= Edit Merge File Name F2= Goto Field PrtSc= Print to LPT1 F10= Finished

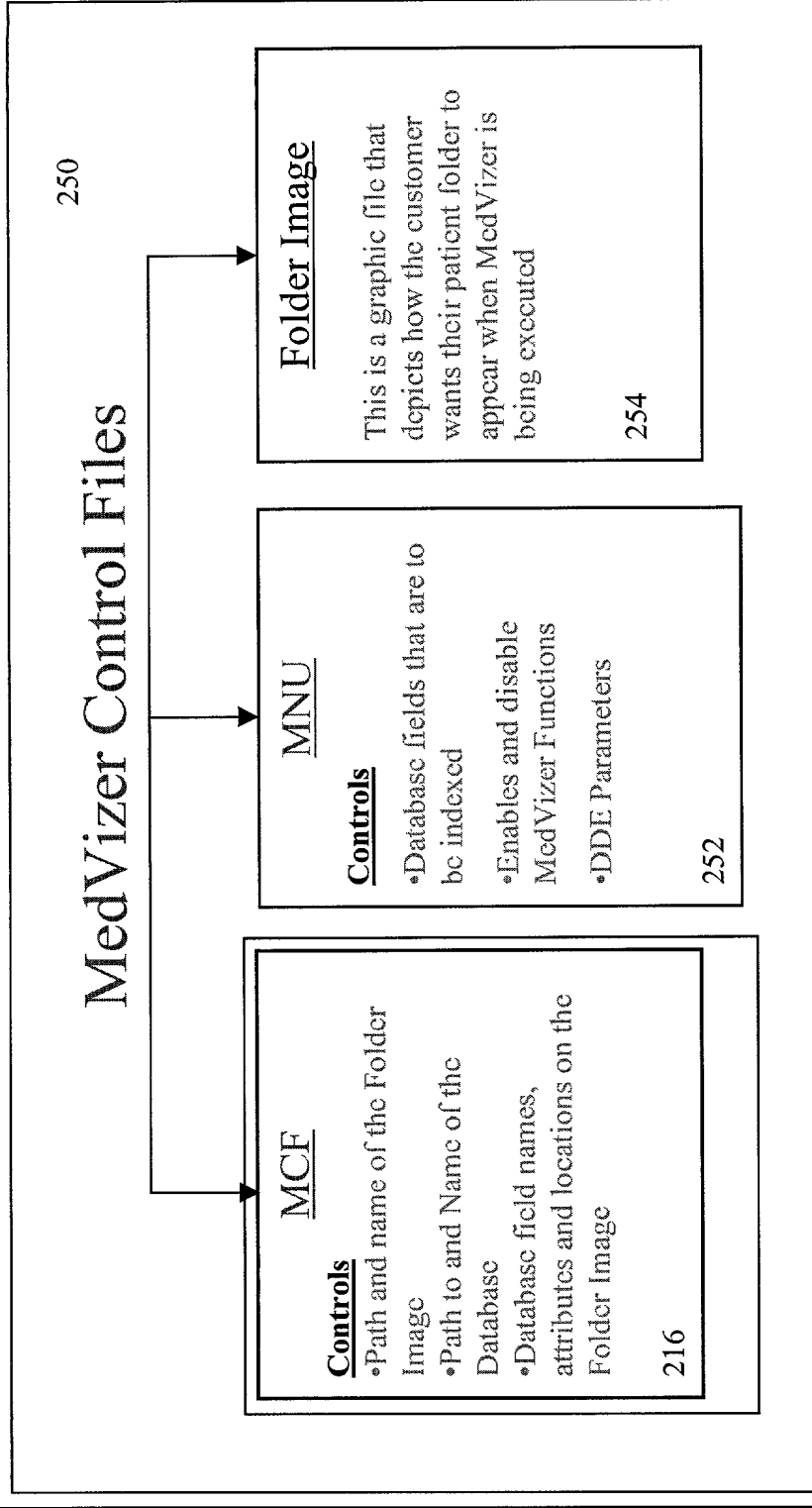


FIGURE 10

Server Side – Master Control File (Thin Client) – Figure 11A

DEFAULT.ASP

260

```
set DvMcf1=server.CreateObject("uDvMcf.DvMcf")
DvMcf1.McfName = "c:\Vitelnet\Vitelnet.mcf"
// Submit for the set of records in the db
RecordCount = DvMcf1.Submit(ln & Chr(0) & mm & Chr(0) & ssnn &
Chr(0))
If DvMcf1.RecordCollection.Count = 0 Then
//get the first set of records in db
RecordCount = DvMcf1.Submit(" " & Chr(0) & " " & Chr(0) & " " & Chr(0))
End If
RecordsList.Clear
RecordsList.AddItem "Select from this list."
```

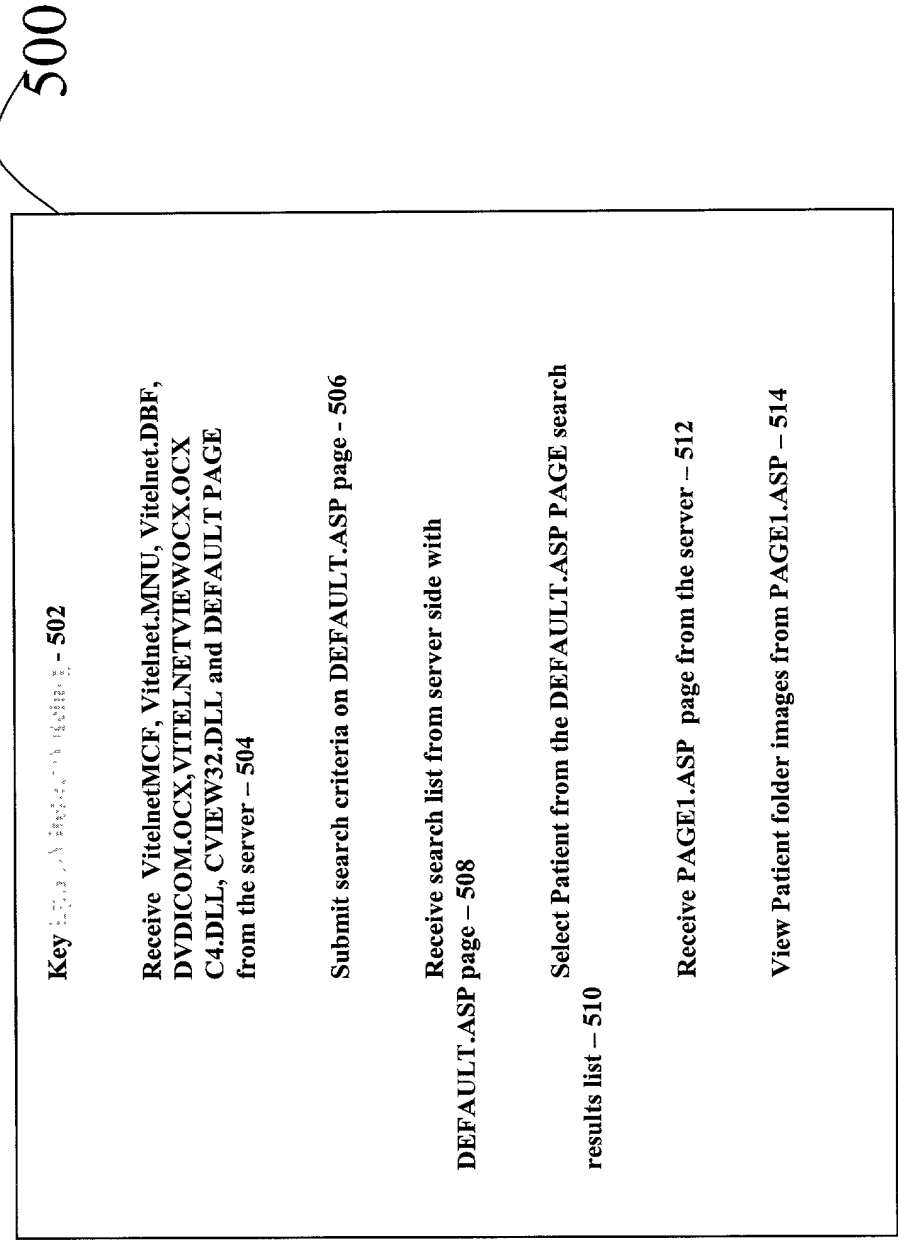
Client Side – Master Control File (Thin Client) – Figure 11B

PAGE1.ASP

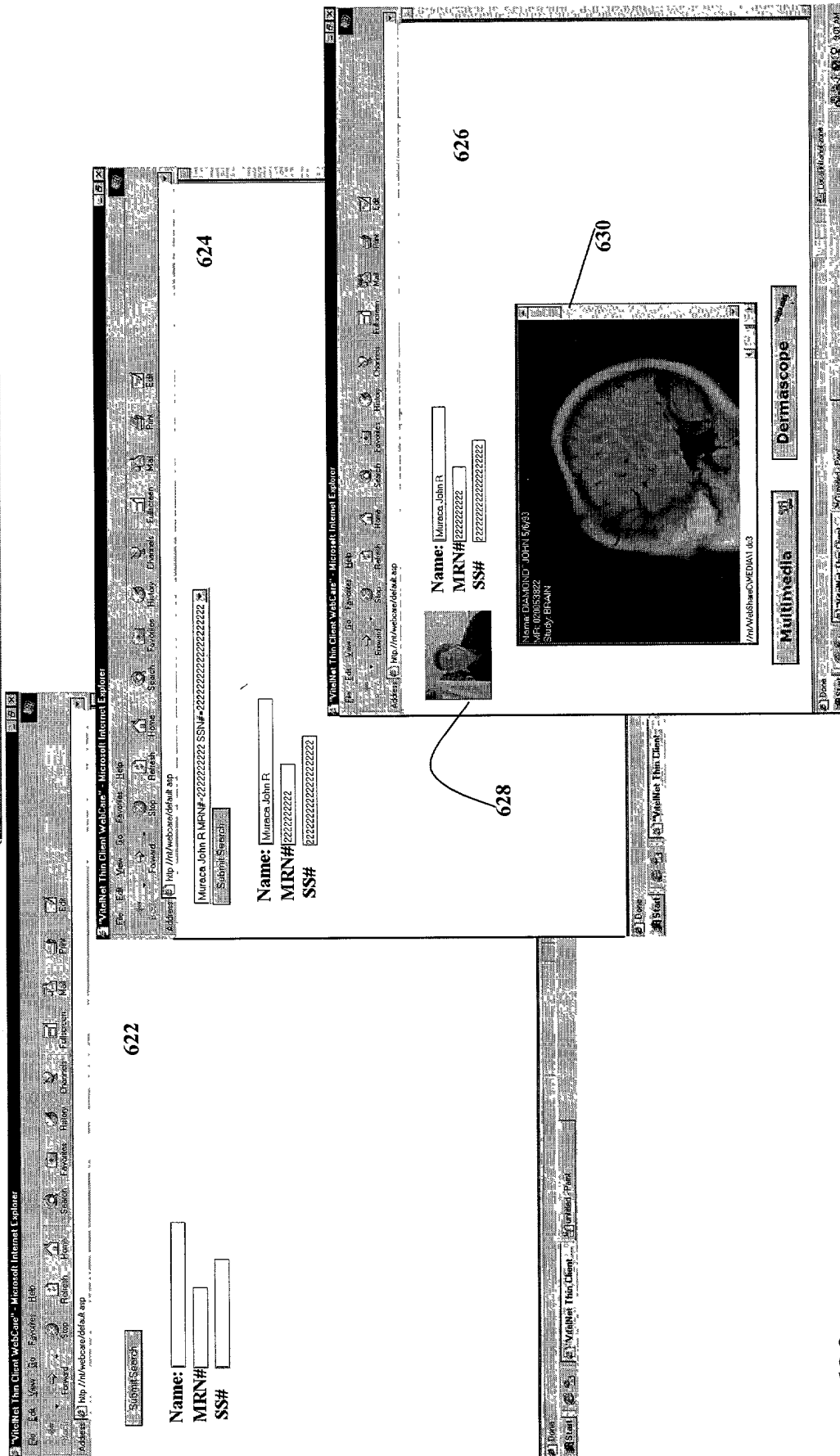
262

```
Sub ViewOcx1_ScrollChange
Dim TmpStr,Ptr
if Tab <> "" then
TabList.selectedindex = thisForm.ViewOcx1.ScrollIndex
TmpStr = TabList.getValue(selectedIndex)
Else
thisForm.ImageList.selectedindex = thisForm.ViewOcx1.ScrollIndex
TmpStr = thisForm.ImageList.value
end if
"TmpStr = ImageList.getValue(thisForm.ViewOcx1.ScrollIndex)
Ptr = instr (1,TmpStr,";")
If Ptr = 0 then
exit sub
else
thisForm.ViewOcx1.ShowImage = trim(mid(TmpStr,Ptr+1,Len(TmpStr)))
end if
End Sub
```

FIGURE 12



Master Control File (Thin Client) – FIGURE 13



up to 100 characters, and the field name must be 1 to 10 characters long.

Master Control File (Field Names)

642

File New Options View

Field Name	Field Length	Field Type	Field Display	Field Fill	Field Edit	Field Lock
Hospital	25	Alphanumeric	Image List	Constant	Look Up	
Last Name	30	Alphanumeric	Image List	Auto Increment	Look Up	
Second Last Name	30	Alphanumeric	Image List	Auto Increment	Look Up	
Given Name	30	Alphanumeric	Image List	Auto Increment	Look Up	
SSN/Patient ID	15	Alphanumeric	Image List	Auto Increment	Look Up	
Problem	18	Alphanumeric	Image List	Auto Increment	Look Up	
Problem Date	10	Number Only	Image List	Auto Increment	Look Up	
Lock Record						

Database Field Name - Each field name will be retained and utilized by the MedVizer application when it populates and retrieves information.

640

Field Name: HOSPITAL Tab Order: 59 Font Size: 8

Field Length: 25 Border Style: None Single

Field Type: ☒ Alphanumeric ☐ Numbers Only ☐ Date ☐ European Date ☐ Auto Fill Date ☐ Edit Fill Date ☐ Entry Required

Field Display: ☐ Image List ☐ MCF Link ☐ Field Display ☐ Invisible ☐ Skip ☐ Locked

Field Fill: ☐ Constant ☐ Auto Increment ☐ Dup Field ☐ Dup Sorts Field

File Name: C:\medvizer\lookup\HOSPITAL.txt Caption: Hospital Only Input Code Numbers to Database

Database: C:\medvizer\DBFS\medvizer.DBF

Look Up Edit Delete Field OK Cancel

644

List Field Settings by Tab Order

Number	Field	Length	Settings
59	HOSPITAL	25	Alphanumeric
60	LASTNAME	30	Alphanumeric
61	SECONDLASTNAME	30	Alphanumeric
62	GIVENNAME	30	Alphanumeric
63	SSN/PATIENTID	15	Alphanumeric
64	PROBLEM	18	Alphanumeric
65	PROBLEMDATE	10	Number Only, Date, Skip, Locked
66	LOCKDATE	10	Number Only, Date
67	DIAGNOSIS	256	Alphanumeric
68	LABTESTS	256	Alphanumeric
69	TREATMENT	256	Alphanumeric
70	DESTINATION	150	Alphanumeric

List To File Print List Close

216

HEdit - [MEDVIZER.mcf]

Field Name	Field Length	Field Type	Field Display	Field Fill	Field Edit	Field Lock
HOSPITAL	25	Alphanumeric	Image List	Constant	Look Up	
LASTNAME	30	Alphanumeric	Image List	Auto Increment	Look Up	
SECONDLASTNAME	30	Alphanumeric	Image List	Auto Increment	Look Up	
GIVENNAME	30	Alphanumeric	Image List	Auto Increment	Look Up	
SSN/PATIENTID	15	Alphanumeric	Image List	Auto Increment	Look Up	
PROBLEM	18	Alphanumeric	Image List	Auto Increment	Look Up	
PROBLEMDATE	10	Number Only	Image List	Auto Increment	Look Up	
LOCKDATE	10	Number Only	Image List	Auto Increment	Look Up	
DIAGNOSIS	256	Alphanumeric	Image List	Auto Increment	Look Up	
LABTESTS	256	Alphanumeric	Image List	Auto Increment	Look Up	
TREATMENT	256	Alphanumeric	Image List	Auto Increment	Look Up	
DESTINATION	150	Alphanumeric	Image List	Auto Increment	Look Up	

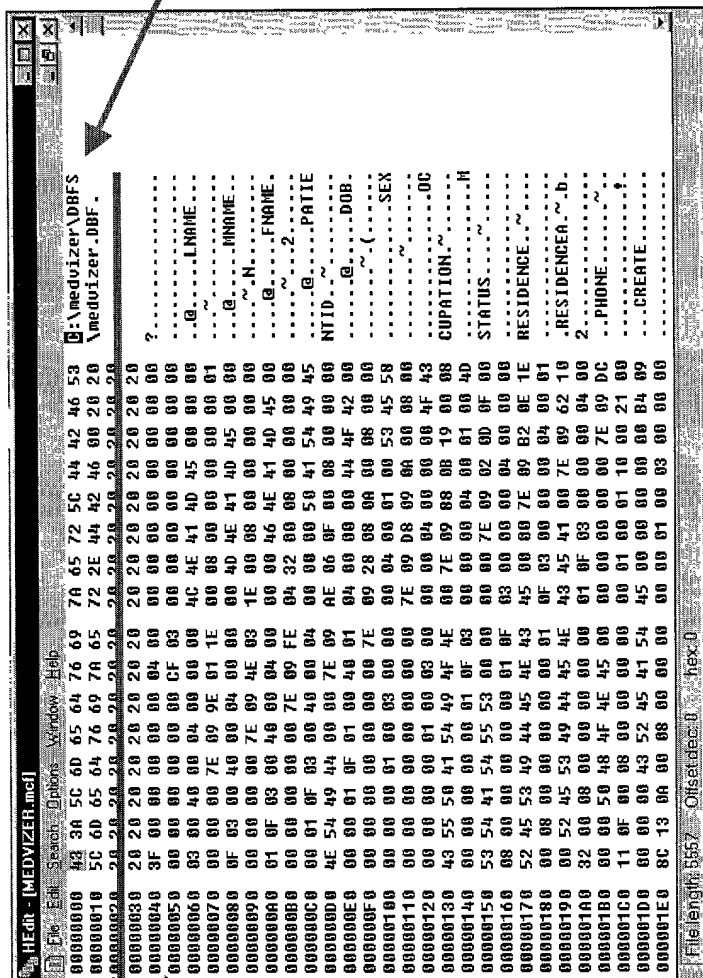
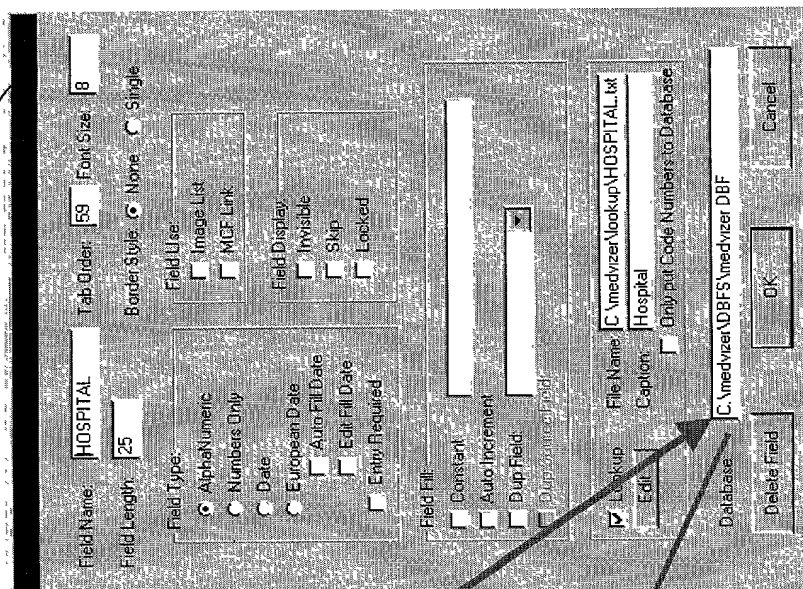
File Length: 5567 Offset: 0 Hex: 0

FIGURE 14

[illegible]

80/

216



	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2
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Pointer to and Name of Graphic Image(s) - This is the image(s) that displays when the MedVizer application is executed.



Master Control File (Field Locations & Attributes) – FIGURE 17

File New Options View

Hospital
Last Name
Second Last Name
Given Name
SSN/Patient ID

Field Name: HOSPITAL Tab Order: 59 Font Size: 8

Field Length: 25 Border Style: None Single

Field Type:
☒ AlphaNumeric
☐ Numbers Only
☐ Date
☐ European Date
☐ Auto Fill Date
☐ Edit Fill Date
☐ Entry Required

Field Use:
☐ Image List
☐ MCF Link

Field Display:
☐ Invisible
☐ Skip
☐ Locked

Field Fill:
☐ Constant
☐ Auto Increment
☐ Dup Field
☐ Dup Source Field

File Name: C:\medvizer\lookup\HOSPITAL.txt
Caption: Hospital
☐ Only put Code Numbers to Database

Database: C:\medvizer\ADBFS\medvizer.DBF

LookUp Edit Delete Field

OK Cancel

Database Field Location - This is the top X Y coordinates that define the location that the database field will be displayed on the Graphic image when the MedVizer application is executed.

Database field attributes (Field Length, Alpha/Num, Numeric Only)
Date (North American/European Format)
Auto filled with system date when database record is created.
Auto fill when database record is modified.
Fill from keyboard.

Image List - Stores list of archived documents maintained and displayed from this field

MCF Link - Points to another MCF

Invisible - Field data is not displayed

Constant -Data is auto entered with a constant

Skip - Prevents from anchoring cursor on field.

Required - Data must be entered into this field

Lock - Prevents user from entering/changing field content.

Font - Defines font selection for this field

Tab Order - Sets the tabbing order when Tab key is pressed.

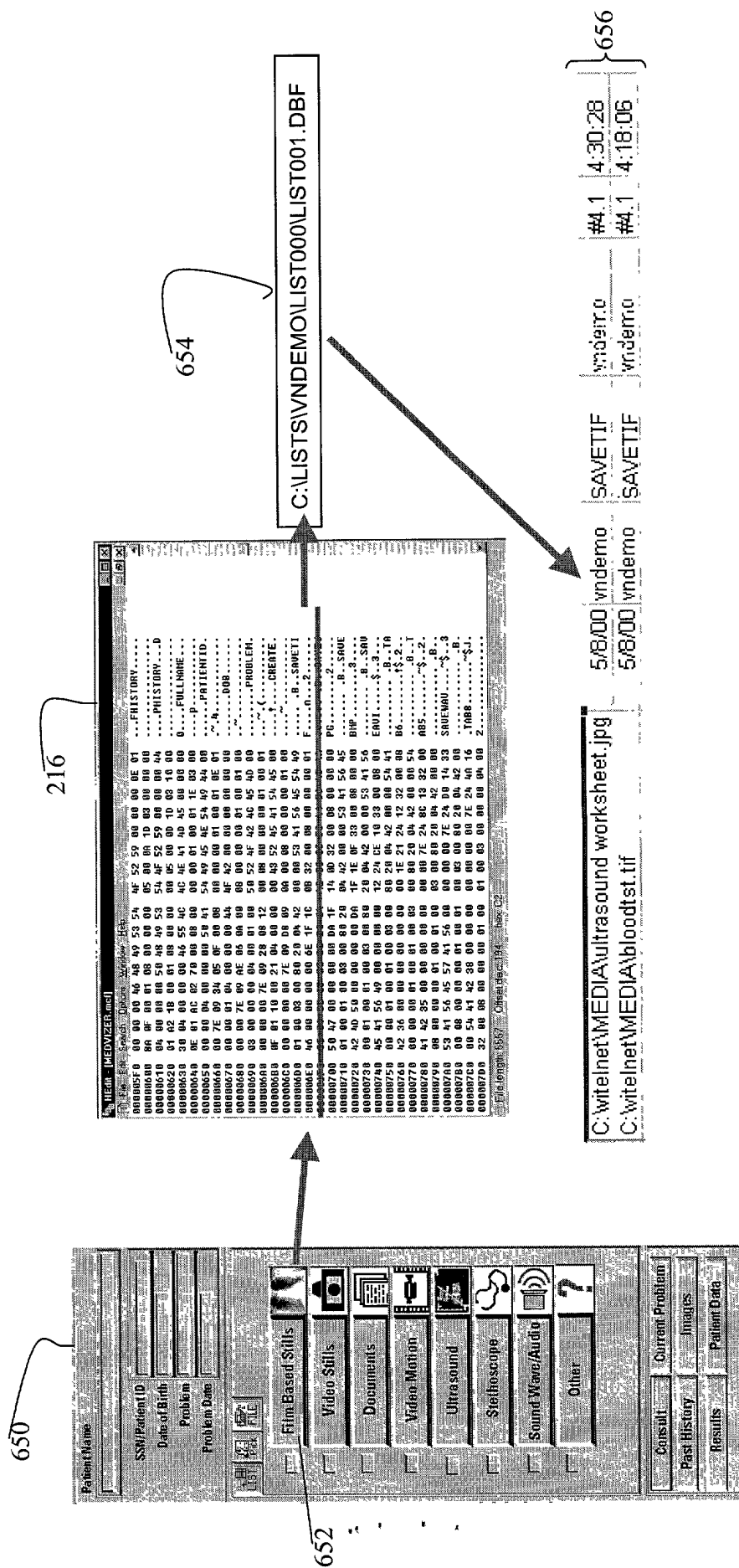
File Edit Search Options Window Help

File length: 8557 Offset: 0 Hex: 0

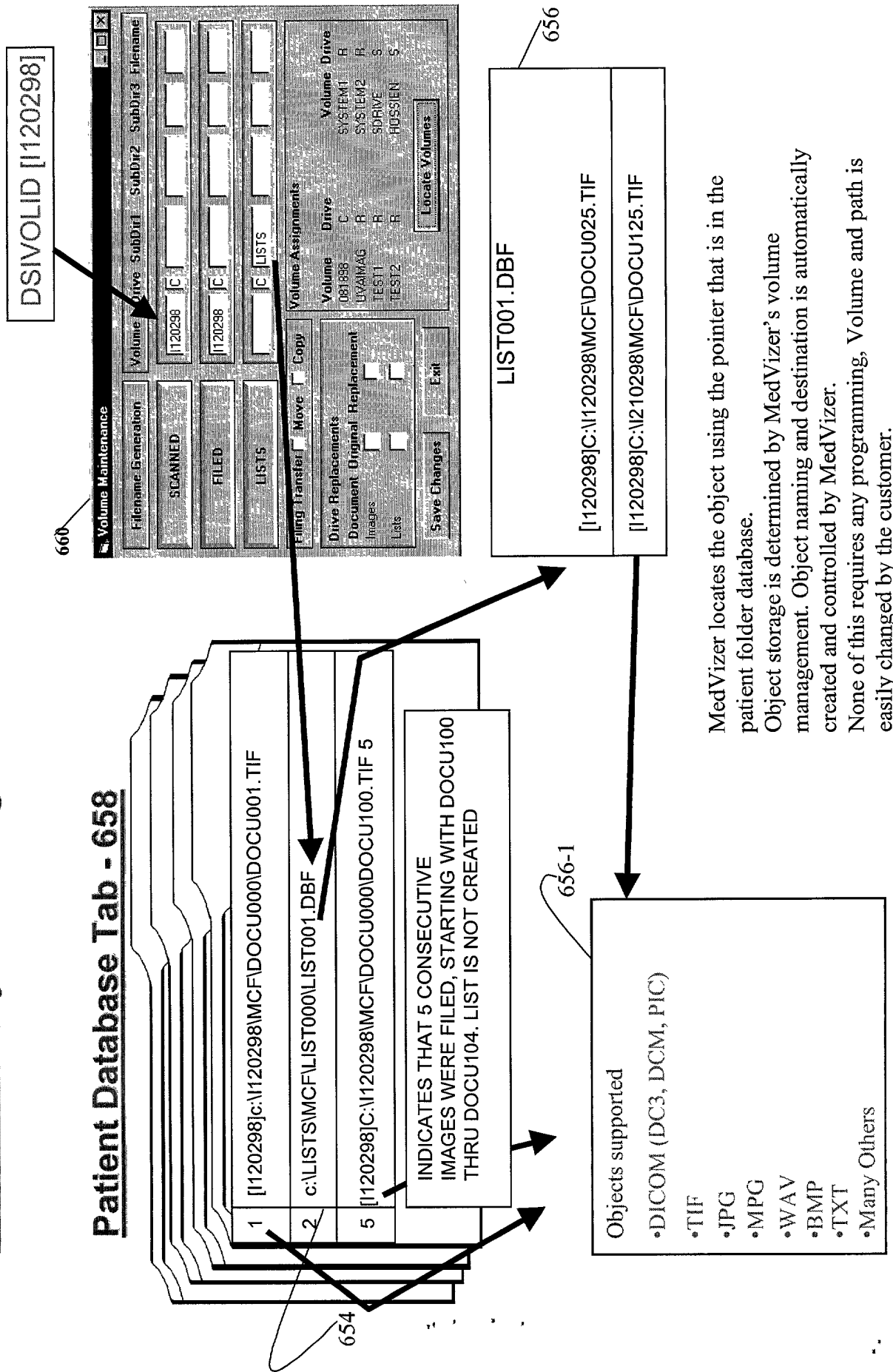
000007E0	01 10 40 4F 53 50 49 5A	41 4C 00 00 00 7E 09 9E	...HOSPITAL...
000007E1	01 10 40 4F 53 50 49 5A	00 01 0E 03 00 00 00 00	...LNAME...
000007E2	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 7E 09	...MNAME...
000007E3	18 03 1E 00 08 00 40 4E 41 4D	45 00 00 00 00 00 00 7E	...FNAME...
000007E4	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...B-2...
000007E5	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...PATIENTID...
000007E6	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...PROBLEM...
000007E7	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...CREATE...
000007E8	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...LOCKDAT...
000007E9	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...ODS...
000007EA	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...SYS...
000007EB	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007EC	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007ED	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007EE	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007EF	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007F0	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007F1	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007F2	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007F3	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007F4	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007F5	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007F6	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007F7	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007F8	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007F9	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007FA	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007FB	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007FC	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007FD	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007FE	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...
000007FF	00 00 00 00 4C 4E 41 4D 45	00 00 00 00 00 00 00 00	...TREAT...

MedVizer Object Storage/Retrieval (Image List Field)

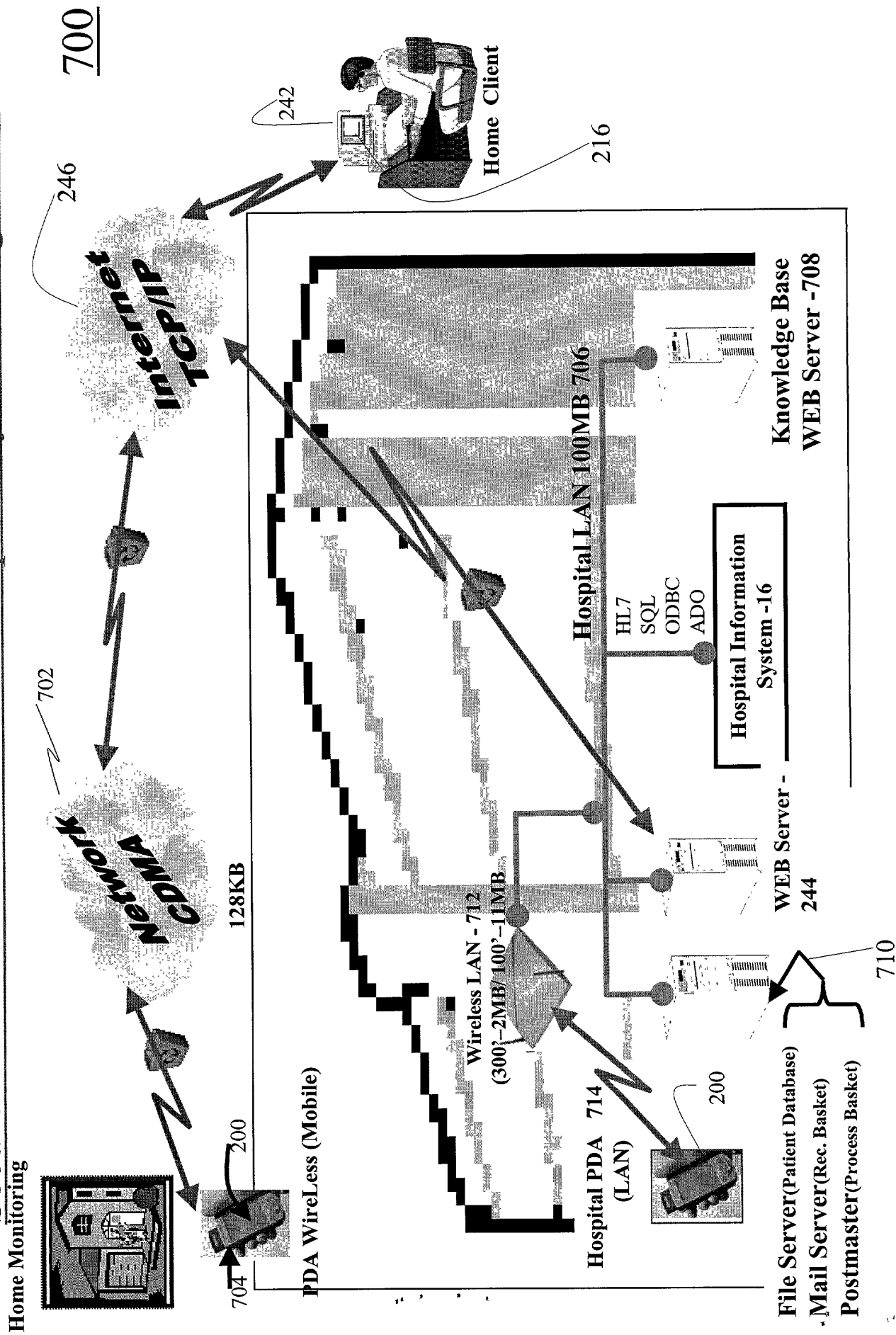
FIGURE 18



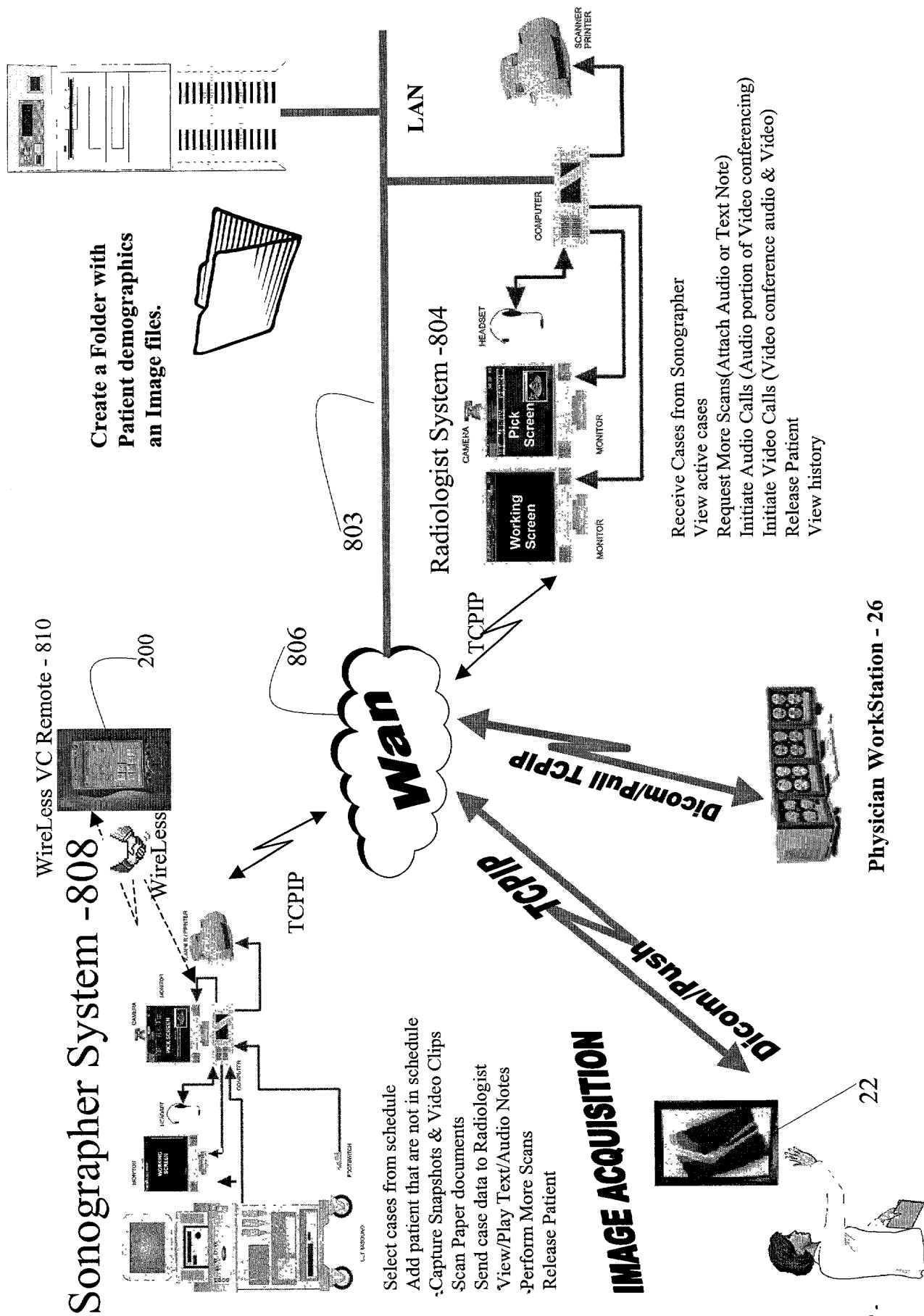
MedVizer Object Storage/Retrieval – FIGURE 19

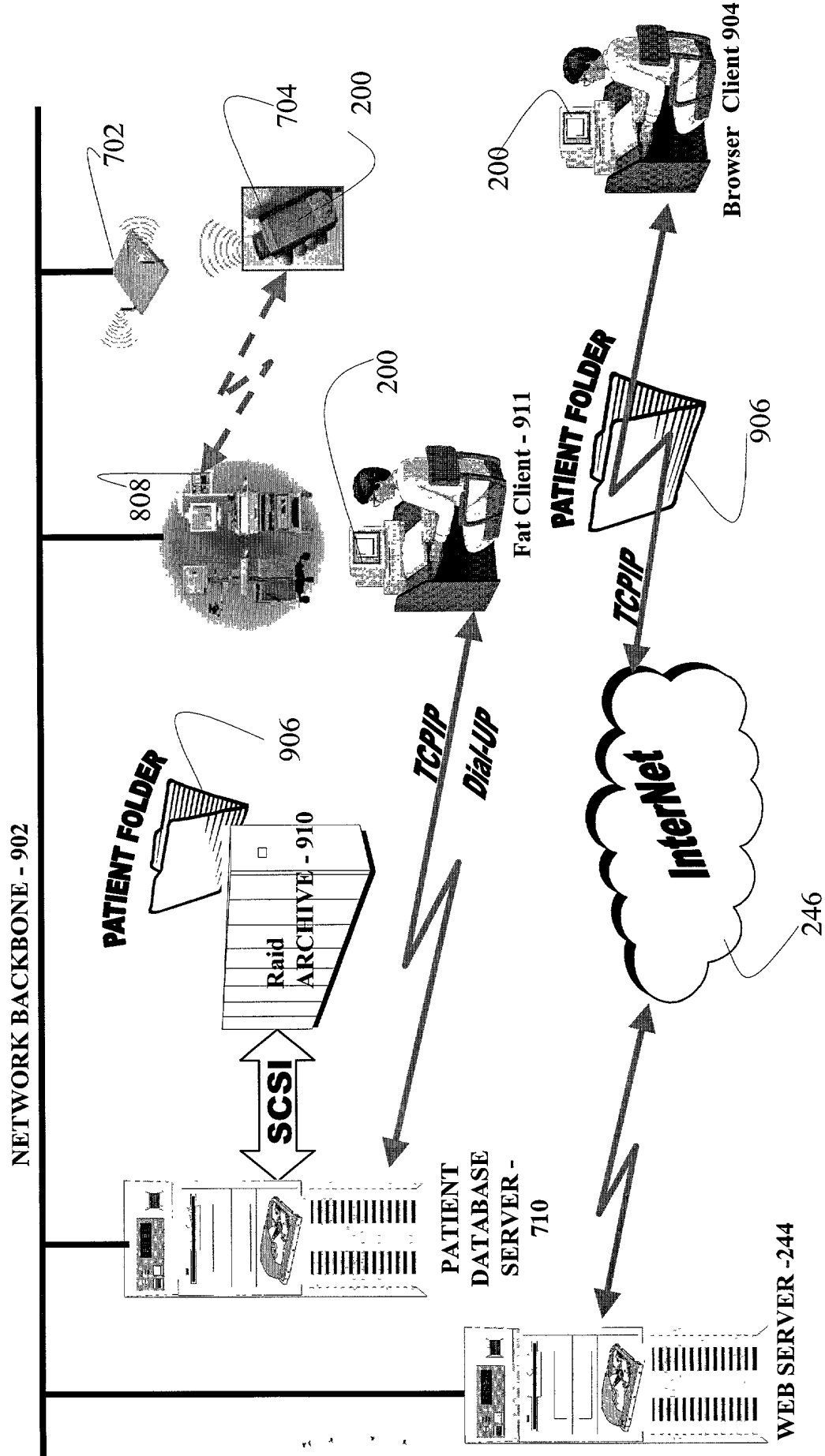


Secure Wireless Telemedicine Enterprise System – Figure 20

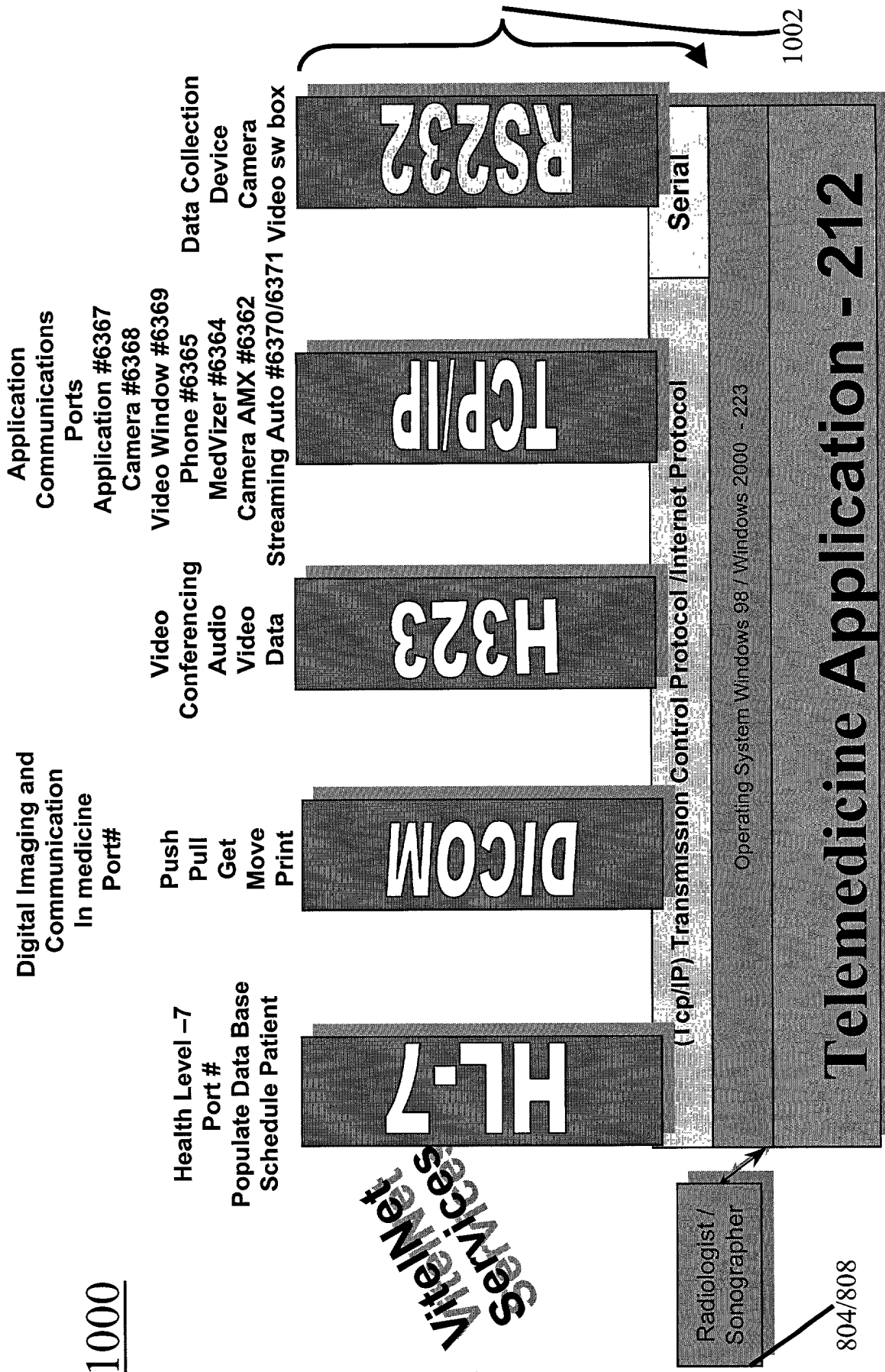


TeleMedicine System –Figure 21

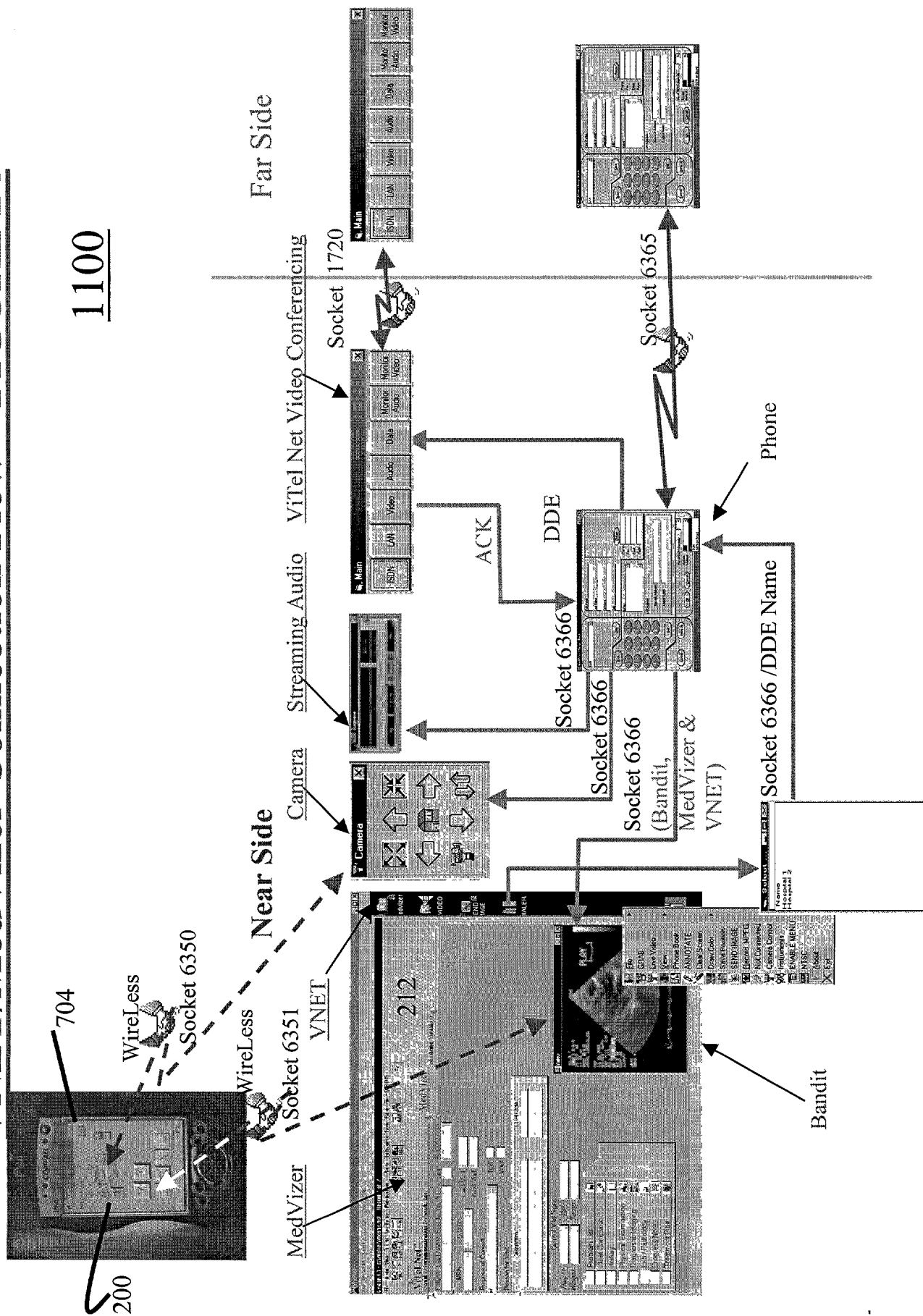




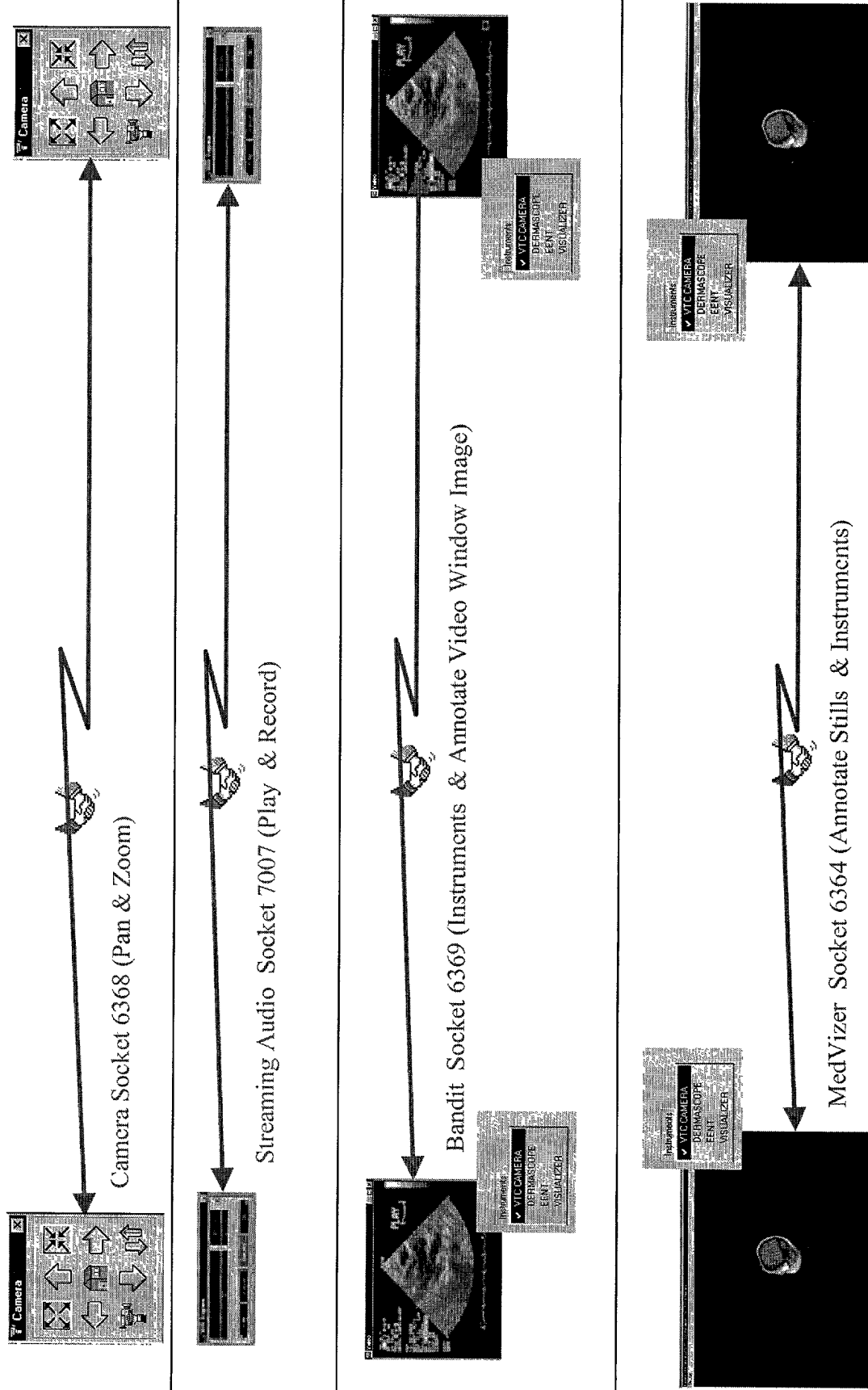
VitelNet Communications Architecture
- FIGURE 23



VNET/MedVizer Connection Flow – FIGURE 24



Remote TCP/IP Functions – FIGURE 25



www.medvizer.com
1-800-444-4444

VNET/MedVizer Software – FIGURE 26

1210

ViTelNet

Video Capture

C:\VN\VNET.EXE
C:\VN\Controls.exe

C:\BANDIT\Bandit.EXE
C:\BANDIT\Bandit.ini
C:\BANDIT\Phone.exe
C:\BANDIT\Phone.ini
C:\BANDIT\Phonebk.ph
C:\BANDIT\Remote.exe
C:\BANDIT\Vitelcon.exe

MedVizer

C:\DV\DV.exe
C:\VITELNET\VNDEMO.MCF
C:\VITELNET\VNDEMO.MNU
C:\VITELNET\BMPS\VNDEMO.INI

VNET/MedVizer INI File – FIGURE 27A

[Mcdvizer]	
Caption=VitalLINK	Caption that appears in the VNET title bar
lang=	lang=eng Specifies english language is to be used lang=spa Specifies Spanish language is to be used
phpath="c:\bandit\PHONE.EXE @\PhoneBook;c:\bandit\joc.ph; /VCON"	Used by VNET to determine the location and command line associated with the phone book.
phtopic=Phone Book	Used by VNET to determine the phone DDE topic
dvpath=c:\dv\dv.exe c:\VITELNET\VNDEMO.mcf /hide	Use by VNET to determine the location and command line associated with DV
dvtopic=DV\Division	Used by VNET to determine the DV DDE topic and is used in the DDE initialization process. This is also used during the DDE conversations between applications.
LinkItem=Division	Used by VNET as part of the DDE initialization. This is also used during the DDE conversations between applications.
bandit=yes	Flag used to load bandit. Placing a ' at the beginning of this command disables loading of bandit
bddpath=c:\bandit\bandit.exe /IHIDE /debug /enableddc /W /dv /optibase	Used by VNET to determine the location and command line associated with BANDIT. Command line parameters include; /HIDE - loads the application and hides it. /debug - turns debug on /enableddc - enables bandit to conduct dde conversations. This must be part of the command line when using the socket /W parameter. /W - enable sockets /Optibase enables MPEG encoding from the bandit window.
bddtopic=bandit\bandit	Used by VNET to determine the BANDIT DDE topic and is used in the DDE initialization process. This is also used during the DDE conversations between applications.

VNET/MedVizer INI File- FIGURE 27B

;Control panel for amx

cpath=c:\vn\controls.exe /c1 /hide /w

cttpic=controls.controls

exit!=yes

remdrive=v:

rcmcom=2

[Menu]

Show=NO

AOTop=NO

[ports]

@Udp=6366

@Nct=6367

@Cam=6368

@Ban=6369

@Phn=6365

@Dvp=6364

@Hcp=6363

@Ctl=6362

@Spc=6370

@Sps=6371

Used by VNET to determine the location and command line associated with BANDIT.
Used by VNET to determine the Controls DDE topic and is used in the DDE initialization process.
This is also used during the DDE conversations between applications

When set to yes the video conferencing software will exit without prompting the operator. When this command is disabled a prompt will be presented to the operator prior to exiting.

This is the drive letter that will be assigned and mapped when connecting to a remote system.

This is the com port assigned to the camera or the AMX controller is connected to.

Controls the displaying of the VNET button bar. When this command is disable the menu bar will display. When enabled and No follows the equal sign the menu bar will not be displayed.
Always On Top - is used to specify if the button bar is always on top are if another form can be displayed over it. When this command is disabled the button bar will always be on top. When enabled the button bar can be covered by another form.

- Broadcast Socket
- VNET to VNET Socket
- Camera Socket
- Bandit Socket
- Phone Socket
- MedVizer Socket
- Health Socket
- Camera Controls AMX
- Streaming Player Client
- Streaming Player Server

MedVizer MNU File – FIGURE 28A

WINDOW HEADING Definition - Enter heading to display at top of window.

! VITel Nct DEMO

COLUMN HEADING Definition - Enter heading to display over search fields.

!Sequence No Patient ID SS#

PROMPT LINE Definition - Enter prompt message for user to act on.

!Enter Search Information

FIELD NAME Definitions - Enter Field definitions as follows:

Name,Position,Length,I - "I"=Indexed field (optional)

@DBFLD11,1,28,I

@DBFLD21,18,25,I

@DBFLD20,44,11,I

The following specifies the drive letter that basket will be transferred to.

[NIWOT]

NIWOTCOPY_V_DV.DV

The following commands enable MedVizer functions and
ICONS

- EXIT_
- LOCATE_
- NEXTREC_
- PREVREC_
- FIND_
- ASK_
- ADDREC_
- PickDocument_
- FILEDocument_
- CloseOnExit_
- VideoConferencing_
- RECORDWAVE_
- Scan_
- TwainDevice_
- MainSrhRec_
- MainView_
- VolGen_
- SavePostion_
- volgen_
- saveposition_

MedVizer MNU File- FIGURE 28B

Location and size of the MedVizer Patient Folder

Top 690 _
Left 4200 _
Height 10830 _
Width 9960 _

The following specifies the tab that a specific file is capture to.

.TIF_Tab1_
_WAV_Tab5_
_JPG_Tab2_
_AVI_Tab4_
_ASF_Tab3_

The following turns the list thumbnails on and specifies the size of the thumbnail.

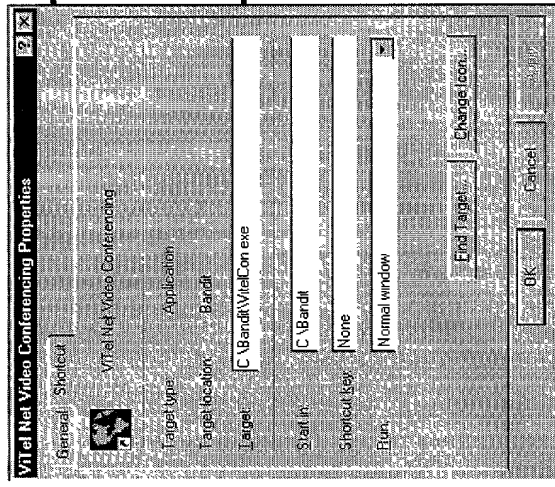
[ThumbNail]
Enable-:YES
_THUMB.NAIL_32_24_

The following lines are related to MedVizer's Volume management

_DOC_R_VNDEMO__AUTO_
_LST_R_VNDEMO__AUTO_
PTH
PTH
PTH
_CPY_R_VNDEMO__AUTO_

TOOL]
XRAY=ACCUSOFT
NUMXRAYS=9
THUMBWIDTH=80
THUMBHEIGHT=100
THUMB COUNT=6
THUMBSPACE=20
THUMBFRAME=15
THUMBROWS=2
TOOLBARS=SMALL
AUTOVIEWRATE=10
MAGSMALL=100
MAGMEDIUM=200
MAGLARGE=300
MAGMAG=2
MENLHEIGHT=16
MENLFONT=8
SCANDPI=75
SCANBITS=8
SCANOPT1=75
SCANOPT2=150
XRAYBCOLOR=00000000
SHOW=YES
DATABASE-R:\VITELNET\VNDEMO.dbf

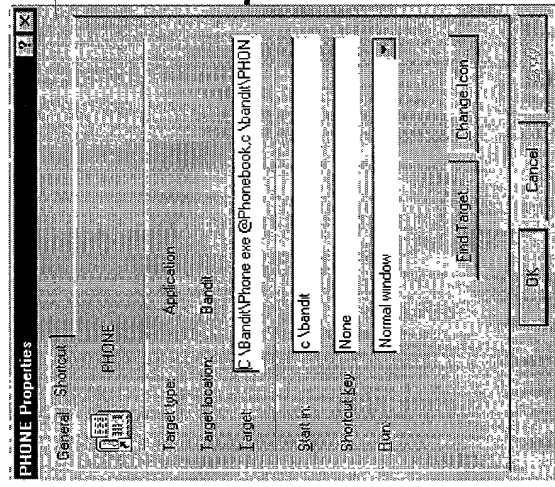
System Start Up Group – FIGURE 29



1400

C:\Bandit\Vitelcon.exe

Load Vitel Net Video Conferencing programs



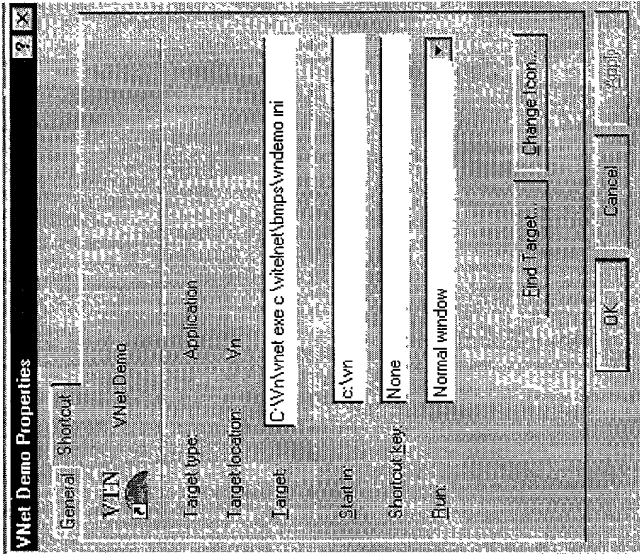
1404

MedVizer Phone Book

C:\BANDIT\PHONE.EXE @Phonebook;C:\BANDIT\PhoneBK.PH; /VCON

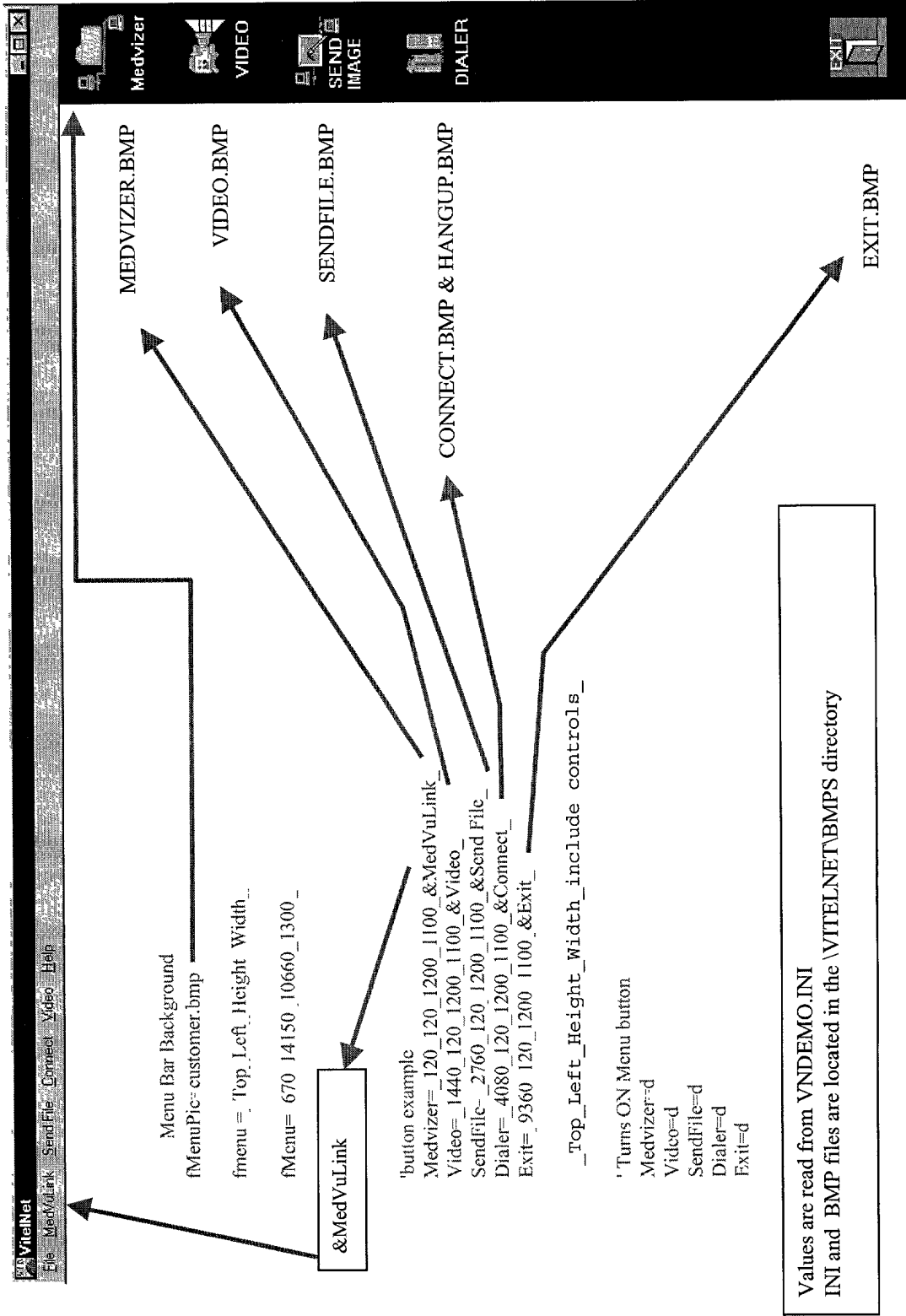
VNET Properties – FIGURE 30

1500

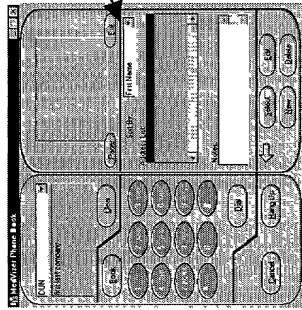


- Initializes the system based on information acquired from the VNDEMO.INI file.
- Configures the Desk Top
 - Creates Menu Bar
 - Size and location
 - Buttons (BMP files located in \VitelNet\BMPS directory
 - Establishes MedVizer Window size and location
- Loads MedVizer (DV.exe)
- Loads Bandit.exe
- Established DDE links
- Controls program interaction

VNET Desktop – FIGURE 31



MedVizer Phone Book- FIGURE 32



Exit – unloads the MedVizer Phone book

1700

These entries will appear in the address list

A screenshot of the MedVizer Phone Book application. The window has a title bar and a menu bar. Below the menu bar is a toolbar with buttons for 'Add', 'Edit', 'Find', 'Print', 'Help', and 'About'. The main area contains a list of phone book entries. The 'Add' button is highlighted with a callout box.

Email and Pager address (place email address in the pager box for those individuals that do not have a pager address

Name of the Dial-Up Networking ICON that is used to place the call

IP address of the system being called

\Hospital-1 \Hospital-2
computer name being called
share drive name

Your share drive name
Each phone book entry must also appear in the HOSTS and LMHOSTS file

Default Logical Name -- This can be left blank if the computer name and share drive name are the same and it appears in the First Name text box.

Volume Information & Generation – FIGURE 33

1800

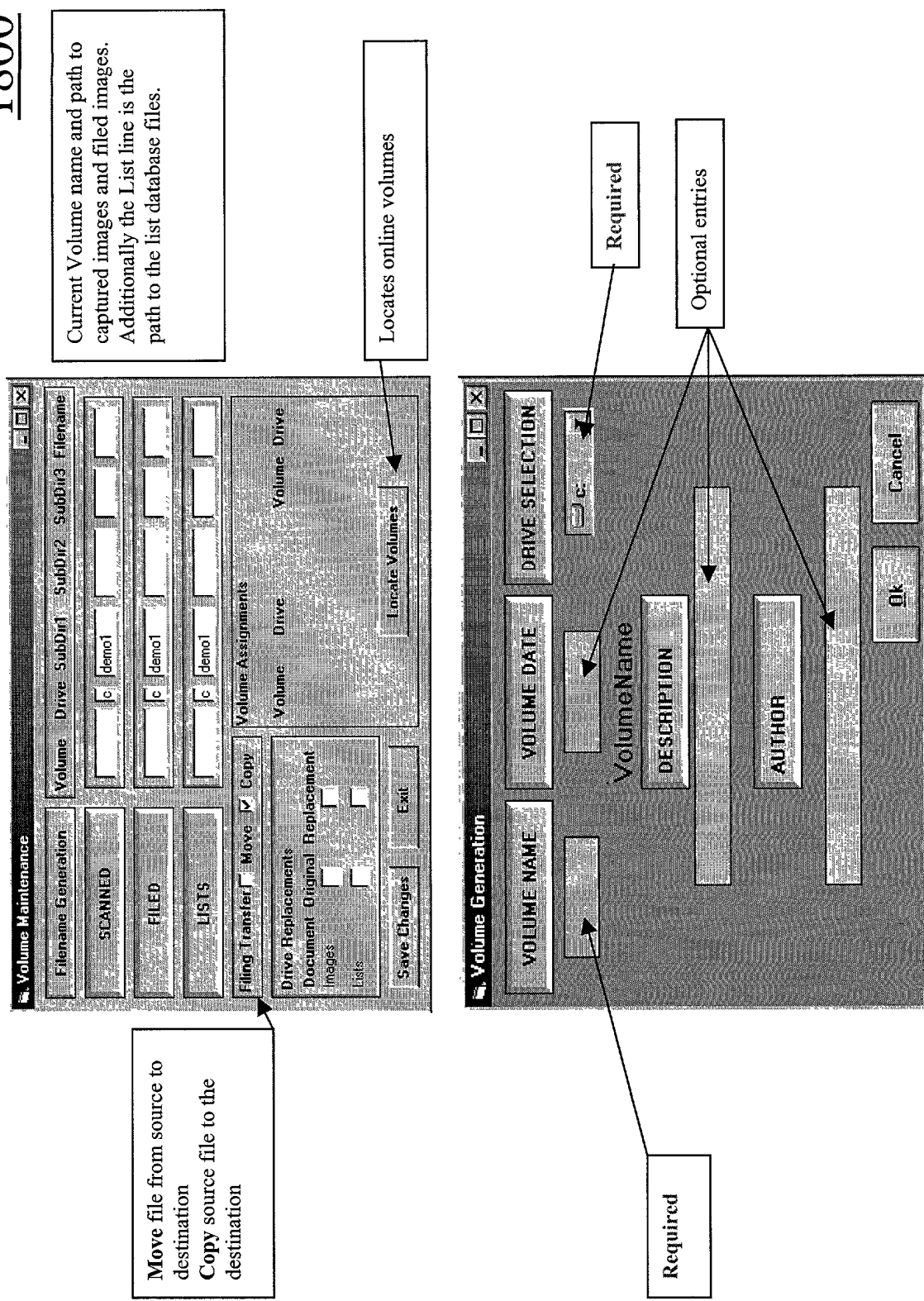
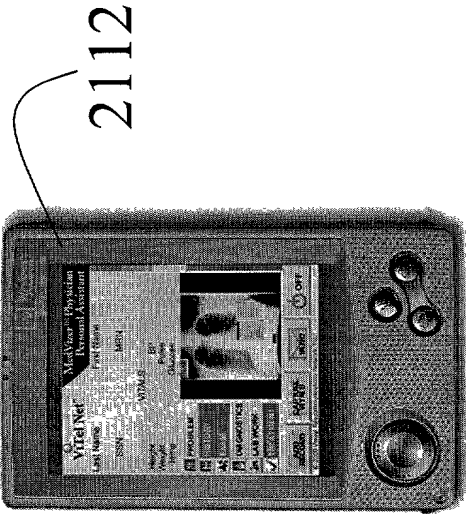
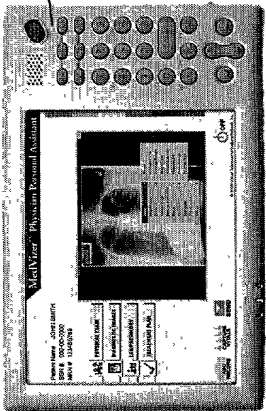


FIGURE 34A



2112

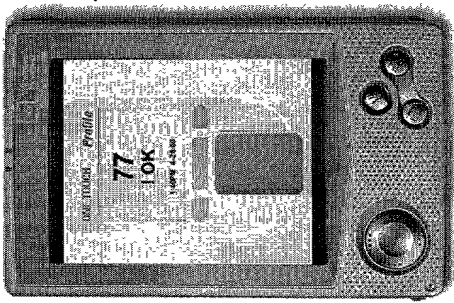
FIGURE 34B



2112

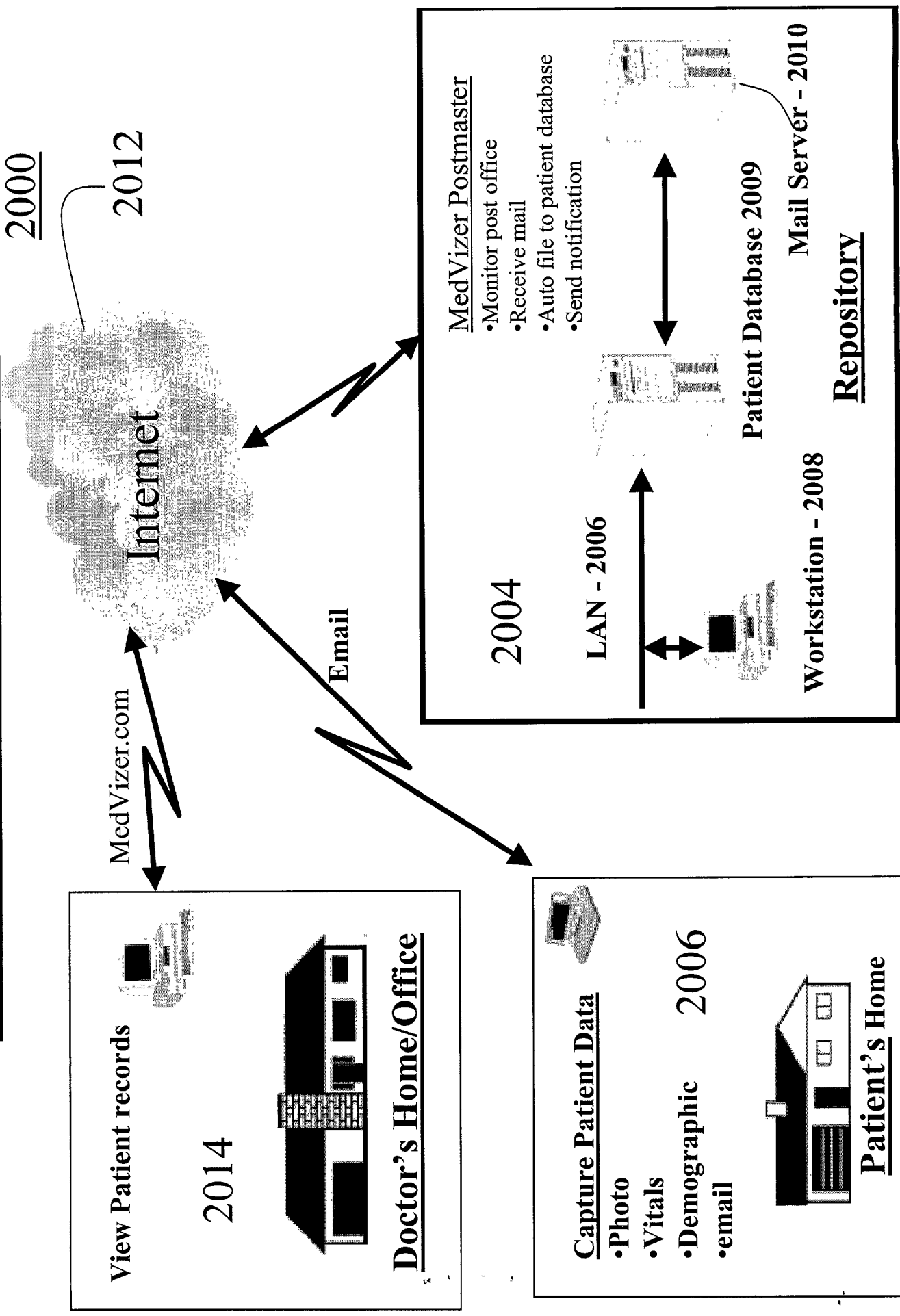
2112

FIGURE 34C

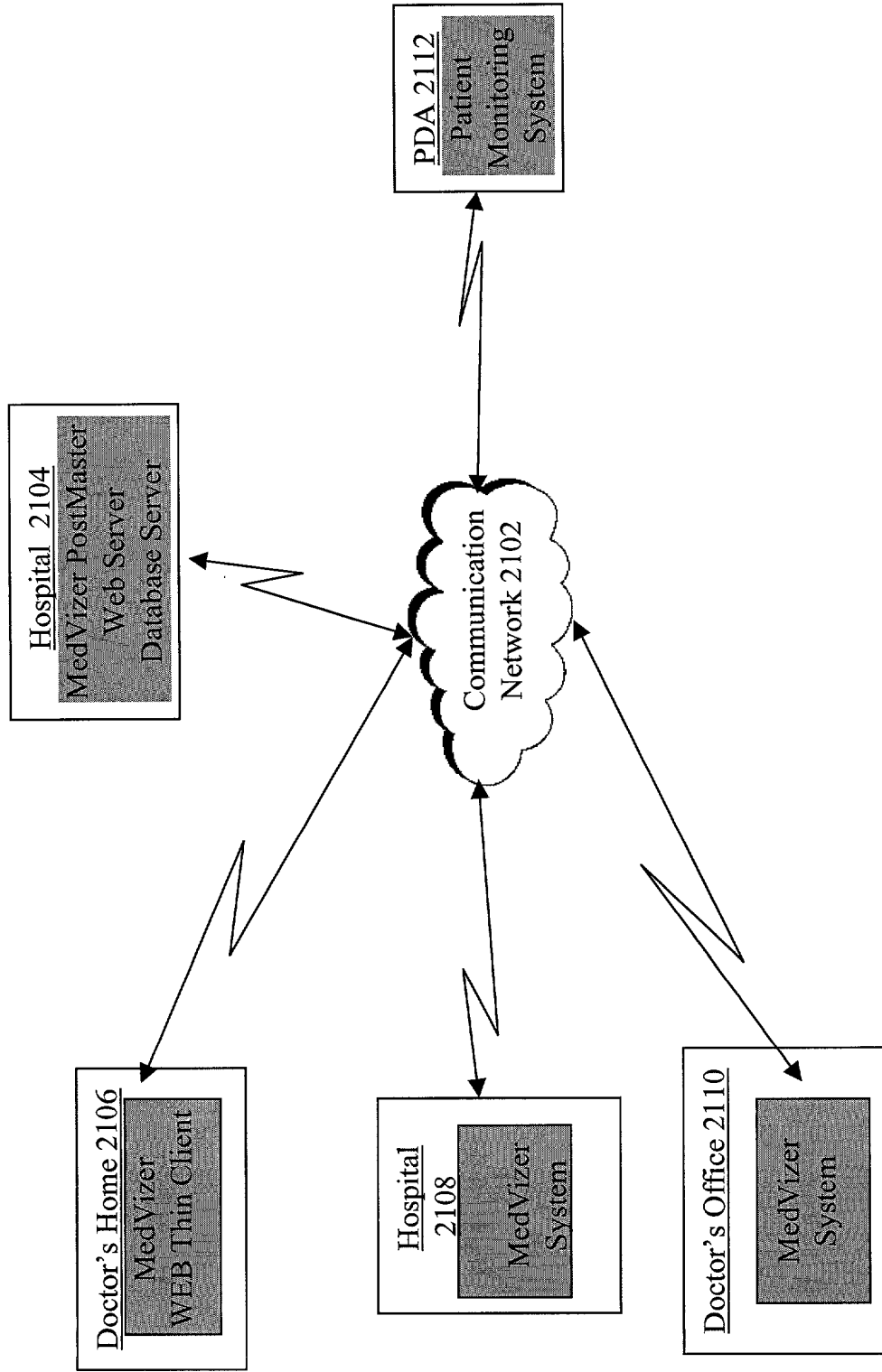


www.medscape.com

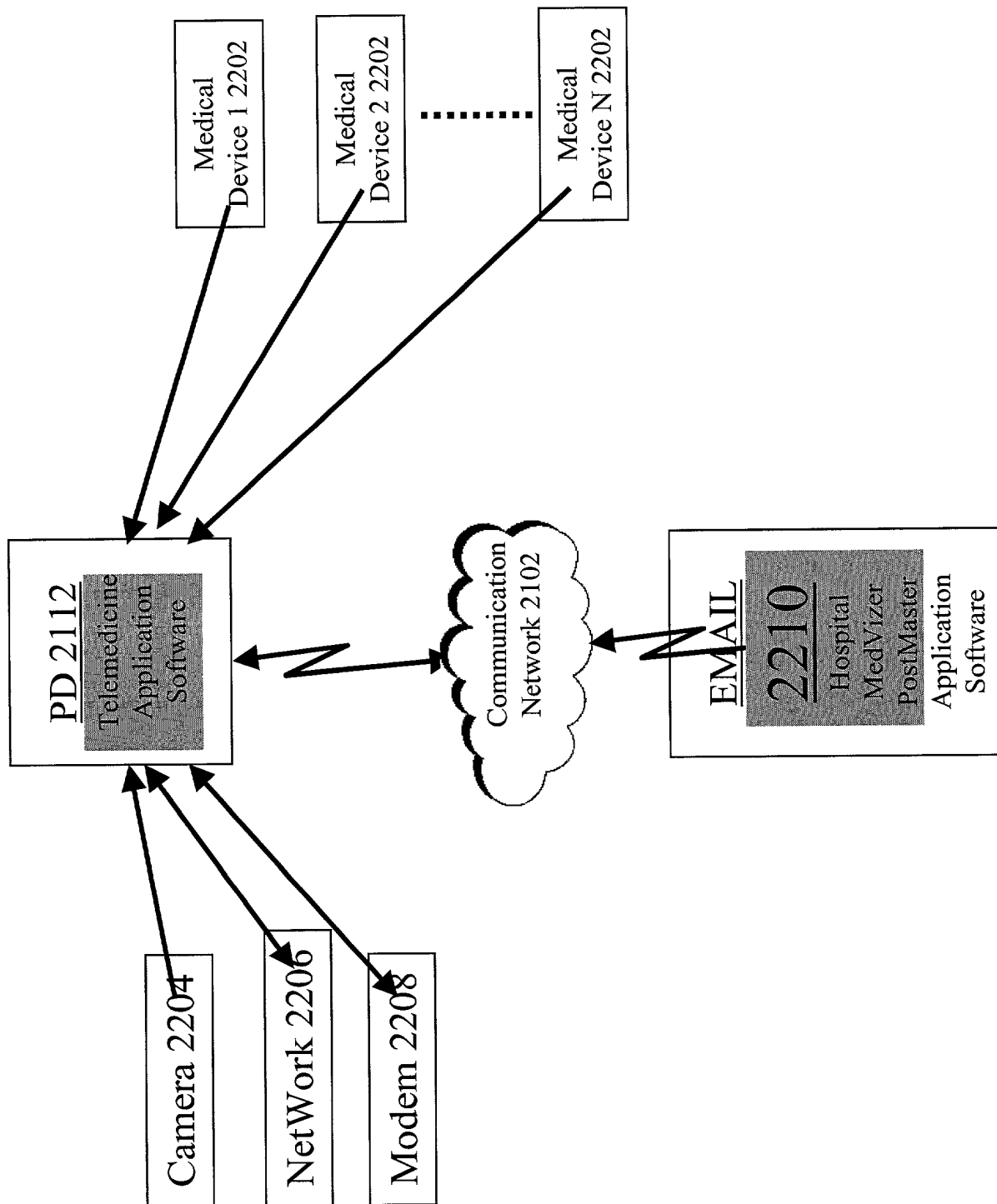
Global Medical Records System – FIGURE 35



PD Complete Home Monitoring System – FIGURE 36



PD Home Monitoring System – FIGURE 37A



PD Complete Home Monitoring System – FIGURE 37B

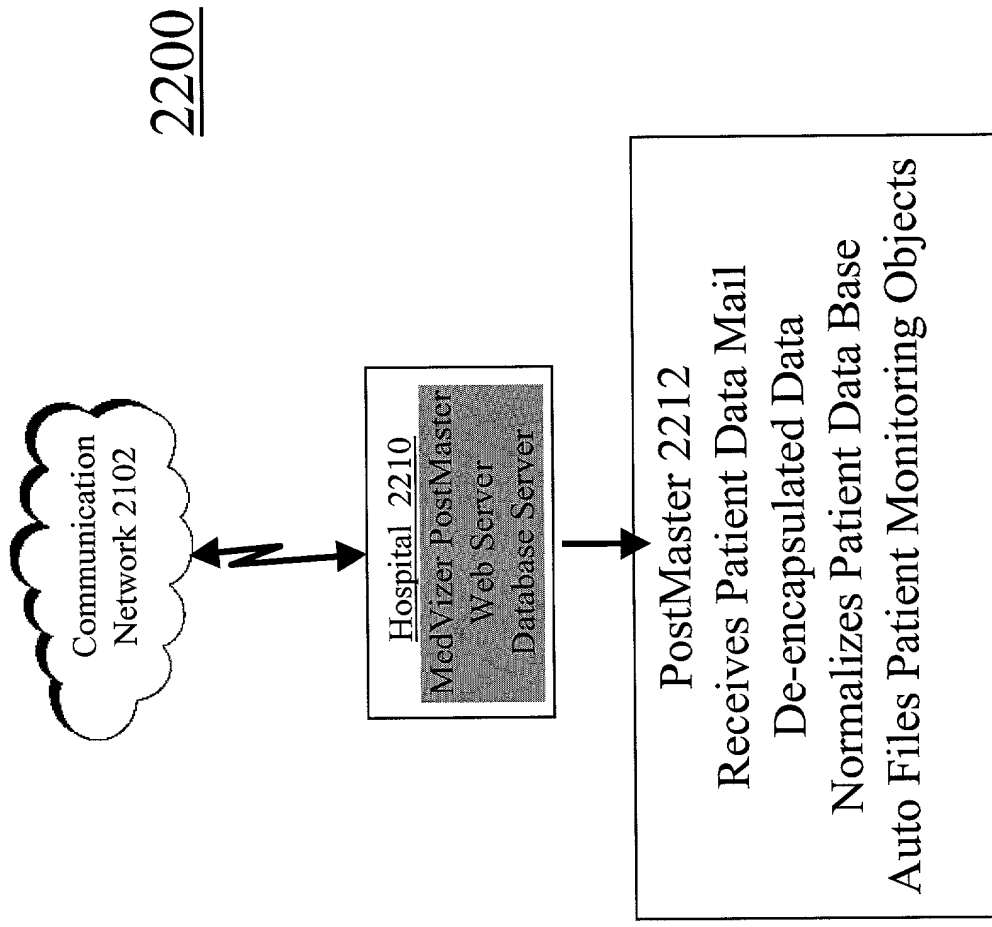


FIGURE 38

